Index of Claims

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09/712,308

Examiner

Stephen M. Brinich

Applicant(s)/Patent und r Reexamination

SIMPSON ET AL.
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|            | aim      | Date     |                 |          |                 | _  | Claim Date                                       |                 |          |          |          |          |                 |               |          | Claim Date              |          |   |          |  |            |          |            |          |                         |                    |          |                               |          |          |  |
|------------|----------|----------|-----------------|----------|-----------------|--|--|-----------------|----------|----------|----------|----------|-----------------|---------------|----------|-------------------------|----------|---|----------|--|------------|----------|------------|----------|-------------------------|--------------------|----------|-------------------------------|----------|----------|--|
|            | 1        | ⊢        | Date Claim Date |          |                 |  |  |                 |          |          | ⊢        | Cla      | 21171           | Date          |          |                         |          |   |          |  |            |          |            |          |                         |                    |          |                               |          |          |  |
| Final      | Original | 8/14/06  |                 |          |                 |  |  |                 |          |          | Final    | Original |                 |               |          | 1                       |          |   |          |  |            | Final    | Original   |          |                         |                    |          |                               |          |          |  |
| -          | 0        | 1        | $\vdash$        |          | ╁╌              | <del>                                     </del> | 1  | H               |          | $\vdash$ | -        | 51       |                 | $\vdash$      | $\dashv$ | +                       | _        | +   | +        |  | -          | -        | 101        | -+       | ╁                       | +-                 | ╁        | +-                            | Н        | Н        | <del>                                     </del> |
| <u> </u>   | Y        | Ť        | ┢               | -        | 1               | <del>                                     </del> | -  | -               |          | $\vdash$ |          | 52       |                 | $\vdash$      | +        | $\dashv$                | -        | +   | +        | +  | -          |          | 102        |          | ╁                       | +                  | ╁╌       | +                             | H        |          | -  |
|            | 1        | ┢        | 一               | 一        | Г               | <del>                                     </del> |  | $\vdash$        |          |          |          | 53       |                 | $\vdash$      | 十        | 寸                       | $\dashv$ | $\dashv$  | 十        | $\dashv \dashv$  | _          | $\neg$   | 103        | $\dashv$ | $\top$                  | $\top$             | T        | $\top$                        | П        | П        | _  |
|            | 4        | <b>√</b> | Т               | 一        | ┢               | ┢  |  | ┢               |          |          |          | 54       | Г               | Н             | $\dashv$ | T                       | ┪        | T   | $\dashv$ | $\top$   |            | $\neg$   | 104        | $\dashv$ | 十                       | $\dagger$          | ┢        | +                             |          | П        | Г  |
|            | 5        | V        | Ι               | <u> </u> | m               | Г  | T  |                 |          |          |          | 55       |                 | $\Box$        | す        | T                       | T        | 7   | 十        | $\dashv \dashv$  |            |          | 105        | $\dashv$ | 十                       | $\top$             | T        | T                             | П        | П        |  |
|            | 6        | V        | Г               | Г        | Т               | Г  | ✝  |                 |          | $\Box$   |          | 56       |                 |               | $\neg$   | ┪                       | 1        | T   | $\top$   | $\top$   |            |          | 106        | $\top$   | +                       | +-                 | <b>†</b> | $\dagger$                     | П        | П        |  |
|            | (7)      | V        |                 |          | Г               | 1  | T  |                 |          | $\Box$   |          | 57       |                 | П             | $\neg$   |                         | $\neg$   |   | 十        | $\Box$   |            |          | 107        |          | $\top$                  | 1                  | T        | Ī                             | П        | П        |  |
|            | 8        | V        |                 |          |                 | Г  |  |                 |          |          |          | 58       | П               | П             | $\neg$   | $\neg$                  | $\neg$   | $\neg$  | $\neg$   | $\neg \neg$  |            |          | 108        |          | ┪                       |                    | Ī        | T                             | П        | П        |  |
|            | 9        | 1        |                 |          |                 |  |  |                 |          |          |          | 59       |                 |               | $\neg$   | 7                       |          | T   | 7        |  |            |          | 109        | i_       | $\top$                  | Τ                  |          |                               | П        | П        | Г  |
|            | 10       | ✓        |                 |          |                 |  |  |                 |          |          |          | 60       |                 |               | $\Box$   |                         |          |   |          |  |            |          | 110        |          | Т                       |                    | Π        |                               |          |          |  |
|            | 1        | ✓        |                 |          |                 |  |  |                 |          |          |          | 61       |                 |               |          |                         |          |   |          |  |            |          | 111        |          | $\perp$                 |                    |          |                               |          |          |  |
|            | 12       | √        |                 |          |                 |  |  |                 |          |          |          | 62       |                 |               |          |                         |          |   |          |  |            |          | 112        |          |                         |                    |          |                               |          |          |  |
|            | (13)     | ✓        |                 |          | L               | Ĺ  |  |                 |          |          |          | 63       |                 |               |          |                         |          | $\perp$   |          | $oldsymbol{ol}}}}}}}}}}}}}}}}}}$ |            |          | 113        |          | $\perp$                 |                    |          |                               |          |          |  |
|            | 14       | ✓        |                 |          |                 | L  | <u> </u>   |                 |          |          | L        | 64       |                 |               | $\perp$  | _                       | _        | $\perp$   | $\perp$  | Ш  | oxdot      |          | 114        |          | $\perp$                 | ᆚ                  | L        | _                             | Ш        |          | _  |
|            | 15       | ✓        | L_              |          |                 |  |  |                 |          |          | <u> </u> | 65       |                 |               | _        | 4                       | _        | _   | 4        | Щ  | ⊢          |          | 115        |          | 4                       |                    | ┖        | L                             | Ш        | Ш        | L_   |
|            | 16       | √        |                 |          | _               | _  | <u> </u>   | Щ               | Ш        | _        |          | 66       | _               |               |          | $\dashv$                | 4        | $\dashv$  | 4        | 44   | <u> </u>   |          | 116        |          | $\perp$                 | $\perp$            | ┖        | ↓_                            |          | Ш        |  |
|            | 17       | V        | _               |          | _               | <u> </u>   | <u> </u>   |                 |          | _        | <u></u>  | 67       |                 |               | 4        | 4                       | _        | 4   | 4        | $\dashv$   | $\vdash$   | _        | 117        | _        | 4                       | ╄                  | <u> </u> | <u> </u>                      | Ш        | Ш        | <u> </u>   |
|            | 18       | ✓        |                 |          |                 | _  | <u> </u>   |                 |          |          | ļ        | 68       | L.              | $\rightarrow$ | 4        | 4                       | _        | $\dashv$  | $\perp$  | $\perp \!\!\!\! \perp$   | ⊢          | _        | 118        |          | $\bot$                  | 4                  | ļ        | ↓_                            |          | Ш        | <u> </u>   |
|            | (19)     | √        | _               |          |                 | <u> </u>   | <u> </u>   | _               |          |          | <u> </u> | 69       |                 | $\dashv$      | _        | 4                       | _        | $\rightarrow$                                     | _        | $\dashv$   | <u> </u>   |          | 119        |          | ╀                       | $oldsymbol{\perp}$ | ┞        | ↓_                            |          |          | <u> </u>   |
|            | 20       | V        | _               |          |                 |  |  | $\vdash$        |          |          |          | 70       | <u> </u>        | $\dashv$      | 4        | -                       | -        | _   | 4        |  | $\vdash$   | _        | 120        | -        | 4                       | +                  | _        | _                             | Ш        | _        | <u> </u>   |
| -          | 21       | V        | <u> </u>        |          | _               | _  | _  | $\vdash$        |          | _        |          | 71       | _               | $\dashv$      | _        | 4                       | $\dashv$ |   | -        |  | <u> </u>   | $\dashv$ | 121        | _        | -                       | _                  | ┞        | $oldsymbol{oldsymbol{\perp}}$ | Н        | Ш        | <u> </u>   |
|            | 22       | 1        | <u> </u>        |          |                 | -  | -  | -               |          | $\dashv$ |          | 72       |                 |               | 4        | 4                       | -        | _   | $\perp$  | 44   | <u> </u>   |          | 122        | _        | $\dotplus$              | +                  | ├        | $\vdash$                      | Н        | Н        | <u> </u>   |
| _          | 23       | ✓        | -               |          | ├               | ┡  | ⊢  | $\vdash$        | Н        | _        |          | 73       |                 | -             | -        | $\dashv$                | -        | -   | -        | $\dashv$   | -          |          | 123        |          | +                       | +                  | -        | ╂                             | $\vdash$ | Н        | ├-   |
| -          | 24<br>25 | -        | $\vdash$        |          | -               | ┝  | ⊢  | Н               | Н        |          | -        | 74<br>75 | _               | -+            | -        | +                       | -+       | $\dashv$  | +        | +  | -          |          | 124<br>125 | +        | +                       | +-                 | ┝        | ┼                             | $\vdash$ | $\dashv$ | ⊢  |
| -          | 26       |          | $\vdash$        | _        | $\vdash$        | ├  | ├  | Н               | -        |          | -        | 76       | -               | -             | +        | +                       | $\dashv$ | -   | +        | +  | -          |          | 126        | $\dashv$ | ╁                       | ┿                  | ╀        | $\vdash$                      | H        | $\vdash$ | $\vdash$   |
| <u> </u>   | 27       | ┢        | $\vdash$        | _        | $\vdash$        | -  | -  | Н               | Н        | $\dashv$ | $\vdash$ | 77       | -               | $\dashv$      | +        | $\dashv$                | $\dashv$ | +   | +        |  | $\vdash$   | $\dashv$ | 127        |          | ╬                       | ╂                  | ┢        | 1                             | ⊢┤       | $\dashv$ | $\vdash$   |
| -          | 28       |          |                 |          | -               |  | ╌  | Н               |          | $\dashv$ | -        | 78       | H               | $\dashv$      | 十        | -+                      | -+       | +   | +        | $\dashv \dashv$  | $\vdash$   | $\dashv$ | 128        | -        | +                       | +                  | ╀        | ╁╌                            | $\vdash$ | $\dashv$ | $\vdash$   |
|            | 29       | $\vdash$ | -               | -        | $\vdash$        |  |  | $\vdash$        | $\vdash$ | $\dashv$ |          | 79       | $\vdash$        | ᆉ             | +        | +                       | $\dashv$ | $\dashv$  | +        | +  | $\vdash$   | ┰        | 129        | +        | +                       | +                  | ┢        | ┢╌                            | $\vdash$ | $\vdash$ | $\vdash$   |
| <b></b>    | 30       | $\vdash$ | _               | _        |                 |  |  | Н               | Н        | $\dashv$ |          | 80       |                 | +             | +        | +                       | $\dashv$ | $\dashv$  | +        | +  | ⊢          |          | 130        | $\dashv$ | +                       | +                  | ╁        | +                             | $\vdash$ | $\vdash$ |  |
|            | 31       |          |                 |          |                 |  | 1  |                 |          | $\dashv$ |          | 81       |                 |               | $\dashv$ | +                       | $\dashv$ | $\dashv$  | +        | $\pm \pm$  | $\vdash$   | $\dashv$ | 131        | 十        | ╁                       | ╁                  | t        | T                             | Н        |          |  |
|            | 32       |          |                 |          |                 |  | <del>                                     </del> | Н               |          |          |          | 82       |                 | $\dashv$      | $\dashv$ | $\dashv$                | $\dashv$ | 十   | $\top$   | $\top$   | $\vdash$   | 1        | 132        | $\top$   | +                       | $\top$             | t        | +                             | $\Box$   | $\dashv$ | $\overline{}$                                    |
|            | 33       |          |                 |          | H               |  | <del>                                     </del> | М               |          | $\neg$   |          | 83       |                 |               | $\dashv$ | $\neg$                  | $\neg$   | $\dashv$  | 1        | $\top$   | F          |          | 133        | 1        | ╈                       | 1                  | t        | T                             | П        | $\neg$   | Г  |
|            | 34       |          |                 |          | П               | П  | П  | П               |          | $\neg$   |          | 84       | П               | $\neg$        | $\neg$   | 寸                       | 寸        | 寸   | 1        | $\Box$   | F          |          | 134        | $\top$   | $\top$                  | $\top$             | T        | T                             | $\sqcap$ | $\dashv$ | $\overline{}$                                    |
|            | 35       |          |                 |          |                 |  |  |                 |          |          |          | 85       |                 |               |          | _                       |          |   |          |  |            |          | 135        |          | T                       | 1                  |          |                               | $\Box$   | $\Box$   |  |
|            | 36       | Ĺ        |                 |          |                 |  |  |                 |          |          |          | 86       |                 |               |          |                         |          |   |          |  |            |          | 136        |          | $\perp$                 | Τ                  | Γ        |                               |          |          |  |
|            | 37       |          |                 |          |                 |  |  |                 |          |          |          | 87       |                 |               | $\Box$   |                         |          | $\Box$  | $\Box$   |  |            |          | 137        |          |                         | Ι                  |          |                               |          |          |  |
|            | 38_      | Ĺ        |                 |          |                 |  |  |                 |          | _]       |          | 88       |                 | $\Box$        | $\Box$   |                         |          | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ | $\Box$   |  |            |          | 138        |          | $oldsymbol{\mathbb{T}}$ | $oxed{\Box}$       |          |                               |          |          |  |
|            | 39       | L        |                 |          |                 | ـــــا   |  | Ш               |          |          |          | 89       |                 | $\Box$        | $\bot$   | $oldsymbol{\mathbb{I}}$ | $\Box$   | $oldsymbol{\perp}$                                | $\prod$  |  |            |          | 139        |          | $\perp$                 |                    | L        |                               |          |          |  |
|            | 40       | L        |                 |          | Ш               | Ш  | L  | Ш               |          | _        |          | 90       |                 |               |          | $\perp$                 |          | $\perp$   |          |  | L          |          | 140        |          | Ĺ                       | $\perp$            | Ĺ        |                               |          |          |  |
|            | 41       | <u> </u> |                 |          | Ш               | <u> </u>   | <u> </u>   | Щ               |          | _        |          | 91       | Ш               |               |          | $\perp$                 | $\perp$  | _   | _        | $\perp \!\!\! \perp \!\!\! \perp$  | L          |          | 141        |          | L                       | $\perp$            | L        | $\sqcup$                      | oxdot    |          |  |
| <u> </u>   | 42       | <u> </u> | Щ               | Ц        | Ш               | Ш  |  | $\square$       |          |          | $\vdash$ | 92       | Ш               |               | _        | 4                       | $\perp$  | _   | _        | $\perp \!\!\! \perp \!\!\! \perp$  | <u> </u>   |          | 142        | $\perp$  | ┸                       | 1                  | L        | Ш                             | Ш        | $\Box$   |  |
| <b>⊢</b> — | 43       | <u> </u> |                 |          | Ш               | Ш  | $\vdash$   | $\sqcup$        | _        | _        | <b>—</b> | 93       | Ш               | _             | _        | 4                       |          | _   | 4        | 4  | <u> </u>   | _        | 143        | _        | 4                       | 1                  | L        |                               | Щ        | ᆚ        | <b> </b>   |
| <u> </u>   | 44       | <u> </u> | <u> </u>        | Щ        | Ш               | Ш  | $\vdash$   | $\sqcup$        |          |          | $\vdash$ | 94       | $\square$       | _             | _        | 4                       | $\dashv$ | 4   | -        | 44   | <br>       | _        | 144        | $\perp$  |                         | $\perp$            | L        | Ш                             | Щ        |          | <b>-</b>   |
| <u> </u>   | 45<br>40 |          | $\square$       | _        | Н               | Щ  | $\vdash$   | Н               | _        | _        |          | 95       | $\vdash \vdash$ | $\dashv$      | 4        | 4                       | $\dashv$ | 4   | +        | $\dashv$   | <u> </u>   |          | 145        | +        | 4                       | +                  | <u> </u> | $\vdash$                      | Щ        |          | -  |
| <b>_</b>   | 46       | ļ.       | Щ               | $\dashv$ | Н               | Н  | Н  | $\vdash \vdash$ |          | $\dashv$ | -        | 96       | Н               | $\dashv$      |          | 4                       | $\dashv$ | +   | +        | $\dashv$   | <u> </u>   |          | 146        | -        | +                       | +-                 | _        | $\vdash$                      | $\dashv$ |          | —  |
|            | 47       | H        | _               |          | $\vdash \vdash$ | $\vdash$   | Н  | $\vdash \vdash$ |          |          | $\vdash$ | 97       | $\vdash \vdash$ | _             | +        | $\dashv$                | -        | +   | +        |  | <b> </b> - |          | 147        | +        | +                       | +                  | $\vdash$ | $\vdash$                      | <u> </u> |          |  |
| <u> </u>   | 48<br>49 | $\vdash$ | -               | $\dashv$ | $\vdash\vdash$  | $\vdash$   | Н  | $\vdash \vdash$ | $\dashv$ | $\dashv$ |          | 98<br>99 | $\vdash\vdash$  | $\dashv$      | $\dashv$ | +                       | $\dashv$ | $\dashv$  | +        | +  | <b> </b> - |          | 148        | +        | +                       | +-                 | -        | $\vdash$                      | $\dashv$ |          | _  |
|            | 50       | -        | $\vdash$        | $\dashv$ | $\vdash$        | $\dashv$   | Н  | $\vdash \vdash$ | $\dashv$ | $\dashv$ |          | 100      | $\vdash$        | +             | +        | +                       | +        | +   | +        | $\dashv$   | $\vdash$   |          | 149        | +        | 十                       | +                  | $\vdash$ | $\vdash$                      | $\dashv$ | $\dashv$ |  |
| L          | ου       |          |                 |          |                 |  |  | $\bot$          |          |          | $\Box$   | 100      | ш               |               |          | $\perp$                 |          |   | _L       |  | L          |          | 150        |          | 1                       |                    | <b>_</b> | $1 \perp$                     | 1        |          |  |